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AMENDMENTS

In the Claims:

1. (Currently Amended) A method for conforming a design with existing design requirements, the method comprising the steps of:

inserting limits into an input file of relevant design parameters;

inputting the input file into <u>a calculation</u> means [an analysis algorithm];

applying the [analysis algorithm-to perform calculations] calculation means to generate an [analyses] output;

comparing the [analyses] output to the limits to generate a design output; and

issuing an alert indicative of whether the comparison identifies an exceedance of the limits.

- 2. (Original) A method as claimed in claim 1 wherein the limits comprise specified quantifiable limits.
- 3. (Original) A method as claimed in claim 1 wherein the step of inserting limits comprises the step of using a web-based tool to electronically read the limits.
- 4. (Currently Amended) A method as claimed in claim 1 wherein the step of comparing comprises the step of creating a sub-routine to automatically compare the [analyses] output with the limits.

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- 5. (Currently Amended) A method as claimed in claim 4 wherein the [analyses] output comprises engineering calculations relevant to the design.
- 6. (Currently Amended) A method as claimed in claim 5 wherein the step of applying the [analysis algorithm] output comprises the step of applying [an] exceedance detection [algorithm].
- 7. (Currently Amended) A method as claimed in claim 6 wherein the exceedance detection [algorithm] indicates if an exceedance of a computer model engineering calculation is greater than the limits.
- 8. (Original) A method as claimed in claim 1 wherein the step of issuing an alert comprises the step of issuing an alert message to a user.
- 9. (Original) A method as claimed in claim 1 further comprising the step of outputting engineering specifications and performance results of the design.
- 10. (Currently Amended) A system for conforming a design with existing design requirements, the system comprising:

an input file containing at least predetermined design practice limits;

a comparison means [an analysis algorithm] for comparing the input file with design criteria to generate an output;

an exceedance comparison [algorithm] for

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comparing the output to the predetermined design practice limits; and

an alert indicator for indicating whether the exceedance [algorithm] comparison identifies an exceedance of the predetermined design practice limits.

- 11. (Original) A system as claimed in claim 10 wherein the predetermined design practice limits comprise specified quantifiable limits.
- 12. (Original) A system as claimed in claim 10 wherein the predetermined design practice limits are electronically readable.
- 13. (Original) A system as claimed in claim 12 further comprising a web-based tool to electronically read the predetermined design practice limits.
- 14. (Currently Amended) A system as claimed in claim 10 wherein the exceedance [algorithm] comparison comprises a sub-routine to automatically compare the output with the predetermined design practice limits.
- 15. (Original) A system as claimed in claim 14 wherein the output comprises engineering calculations relevant to the design.

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- 16. (Currently Amended) A system as claimed in claim 10 wherein the exceedance [detection algorithm] comparison indicates when an exceedance of a computer model engineering calculation is greater than the predetermined design practice limits.
- 17. (Original) A system as claimed in claim 10 wherein the alert indicator comprises an alert message issued to a user.
- 18. (Original) A system as claimed in claim 10 further comprising engineering specifications and performance results of the design.